

ABSTRACT OF THE DISCLOSURE

A method for automatic validation of a computer program can access a secure memory and a non-secure memory, the program using at least one coding function and at least one de-coding function. The method includes a verification step (E340) during which verification occurs to ensure that each function which is adapted in order to read data from the secure memory and to produce data in the non-secure memory is a coding function and that all data produced by the coding function is stored in the secure memory.